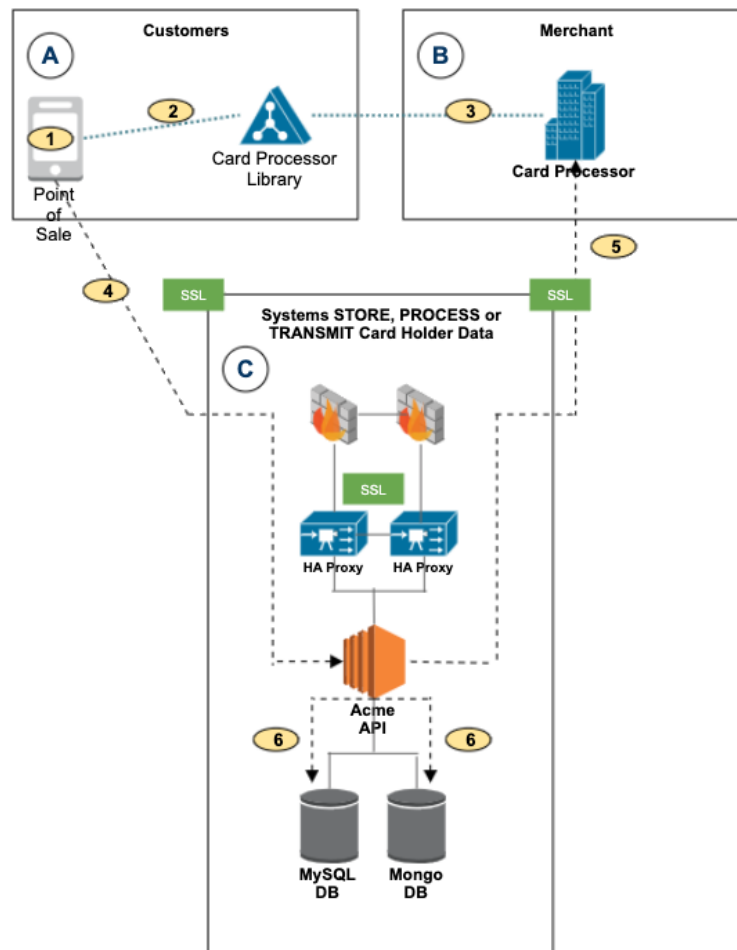# 2021 PCI Cardholder Data Flow Diagram
EMV Cardholder POS Data Flow (WorldPay)

Use Case Coverage:

1. Consumer buying ticket(s) at Point of Sale where the Venue is using EMV (Ingenico) card reader

Flow Description

'Card Processor' refers to either Vantiv.

A. Credit Card Input via Ingenico Card Reader

   1. The Point of Sale using Vantv's TriPOS library makes a call to the Ingenico, prompting the customer to insert their credit card and approve the amount.
   2. Customer uses the Ingenico device to swipe, chip or manually enter their credit card information.
   3. TriPOS makes a call to Vantiv to authorize the customer approved amount.
   4. The Point of Sale receives a token from TriPOS that can be used to capture the authorized amount. The Point of Sale then makes an SSL API call to ACME with the provided token.

B. Merchant

   5. ACME makes an SSL call to Vantiv to capture the token

C. Systems STORE, PROCESS or TRANSMIT Card Holder Data

   6. ACME stores the last four digits of the credit card, credit card brand and name on card of the credit card.